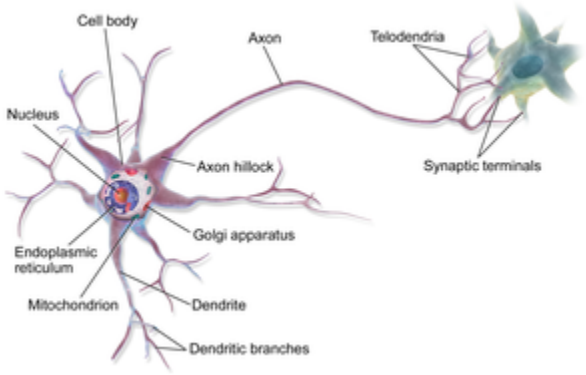
Neural circuit

A **neural circuit** is a population of neurons interconnected by synapses to carry out a specific function when activated.[1] Neural circuits interconnect to one another to form large scale brain networks.[2]



Anatomy of a multipolar neuron

Biological neural networks have inspired the design of artificial neural networks, but artificial neural networks are usually not strict copies of their biological counterparts.

Early study

Connections between neurons

Circuitry

Study methods

Clinical significance

See also

References

Further reading

External links

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